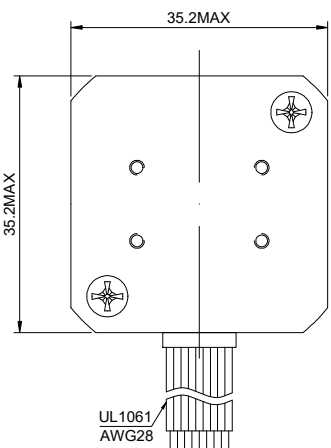
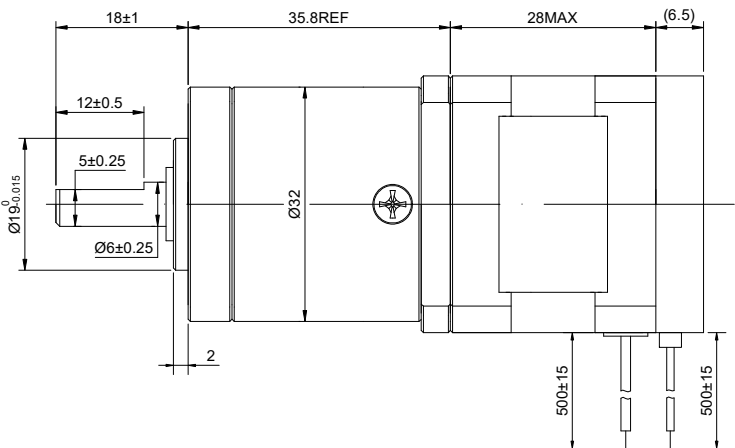
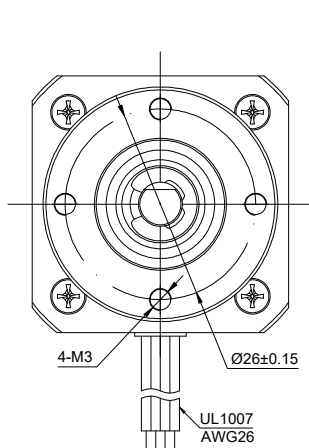


MODEL NO.	14HS11-1004D-ME1K-PG19	DWG NO.	A3383
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CUSTOMER MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	6.19.2024



CONNECTION	BIPOLAR
AMPS/PHASE	1.00
RESISTANCE/PHASE(Ohms)@25°C	3.50±10%
INDUCTANCE/PHASE(mH)@1KHz	3.50±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	0.125[1.11]
STEP ANGLE w/o GEARBOX(°)	1.80
GEAR RATIO	19 ³⁸ / ₁₈₇
GEAR EFFICIENCY	81%
BACKLASH@NO-LOAD	<=1°
MAX.PERMISSIBLE TORQUE(Nm)	3
MOMENT PERMISSIBLE TORQUE(Nm)	5
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:
1.DYNAMIC AXIAL LOAD: 50N MAX
2.DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 100N MAX
3.TMBF 6000h OR MORE @ 24V/300RPM
4.INSULATION RESISTANCE (NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
5.DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)					
STEP	A+	B+	A-	B-	
1	+	+	-	-	↓ CW ↑ CCW
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION CONTAINED HEREIN BE USED BY OR DISCLOSED TO OTHERS UNLESS EXPRESSLY AUTHORIZED IN BY WRITING STEPPERONLINE.

ENCODER CONNECTION:1000PPR(4000CPR)									
LEAD COLOR	RED	BLK	BRN	ORG	BLU	GRN	YEL	WHT	
DESCRIPTION	+5V	EGND	EA+	EA-	EB+	EB-	EZ+	EZ-	

MOTOR CONNECTION			
PIN NO	BIPOLAR	LEADS	WINDING
1	A+	BLK	
2	A -	GRN	
3	B+	RED	
4	B -	BLU	

STEPPERONLINE®

STEPPER MOTOR

14HS11-1004D-ME1K-PG19

SIGNATURE		DATE
DRN	LDJ	6.19.2024
APVD	YSX	6.19.2024

REV.	0	SCALE	1:1	DWG NO.	A3383
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